

A2 On page 1, line 2 after the "Cross-Reference to Related Application" section,
please insert -- TECHNICAL FIELD --.

A3 On page 1, line 12, before the paragraph beginning "Inherent in modern asphalt
mix design..." please insert -- BACKGROUND OF THE INVENTION --.

A4 On page 5, line 24, before the paragraph beginning "According to one aspect..."
please insert -- SUMMARY OF THE INVENTION --.

A5 On page 14, line 13, before the paragraph beginning "Various embodiments of
methods..." please insert -- BRIEF DESCRIPTION OF THE DRAWINGS --.

A6 On page 15, line 3, before the paragraph beginning "Referring to Figures 1 and
2..." please insert -- DETAILED DESCRIPTION OF THE INVENTION --.

In the Abstract:

Please replace the Abstract with the enclosed replacement Abstract of the
Disclosure.

In the Claims:

Please cancel previously allowed claims 14, 15, 19, 21, 22, 25-32.

All of the pending claims have been provided for the Examiner's convenience.

Claims 1, 7, 12, 17, 20, 23, 24, and 33 have been amended as follows:

A7 1. (Amended) A method of compacting a mat of hot mix asphalt which has
been laid by an advancing asphalt paver, the method comprising advancing an asphalt compactor
over the laid asphalt such that a compaction surface of the compactor, formed by a lower run of
at least one belt, is engaged with any one portion of the mat for a period of at least 1.5 seconds
and of less than about 60 seconds, the compaction surface applying a maximum average load
stress to the mat of less than about 50 kPa and greater than about 10 kPa.